

Listing of Claims:

1. (Currently Amended) A computer-implemented method for automatically presenting relationship information between a first table and a second table of a database, comprising:
 - ascertaining at build time from a specification of said database an existence of a first foreign key relationship between said first table and said second table;
 - if said first foreign key relationship between said first table and said second table exists, automatically generating at run time first executable codes to obtain, for a first given record in said first table, a first number of records in said second table that references said first given record; and
 - when said first given record is displayed in a view, also displaying said first number of records in said second table that references said first given record .
2. (Original) The computer-implemented method of claim 1 wherein said first number of records in said second table that references said first given record is implemented as a hyperlink.
3. (Original) The computer-implemented method of claim 2 further comprising:
 - upon detecting an activation of said hyperlink, perform the following steps:
 - a) ascertaining from a third table detailed information pertaining to a first plurality of records, said first plurality of records representing records that, according to said second table, are associated with said first given record; and
 - b) displaying said detailed information.
4. (Currently Amended) The computer-implemented method of claim 3 further comprising:
 - ascertaining at build time from said specification of said database an existence of a second foreign key relationship between said third table and another table of said database;
 - if said second foreign key relationship exists, automatically generating at run time second executable codes to obtain, for a second given record in said third table, a second number of records in said another table that references said second given record; and

when said second given record is displayed, also displaying said second number of records in said another table that references said second given record.

5. (Original) The computer-implemented method of claim 4 wherein said second number of records in said another table that references said second given record is implemented as a hyperlink.

6. (Currently Amended) The computer-implemented method of claim 4 further comprising:
ascertaining at build time from said specification of said database an existence of a third foreign key relationship between said third table and a fourth table of said database;
if said third foreign key relationship exists, automatically generating at run time third executable codes to obtain, for said second given record in said third table, a third number of records in said fourth table that references said second given record; and
when said second given record is displayed, also displaying said third number of records in said fourth table that references said second given record.

7. (Original) The computer-implemented method of claim 6 wherein said second number of records and said third number of records are displayed in two separate columns when said second given record is displayed.

8. (New) The computer-implemented method of claim 1 wherein said hyperlink is generated using Hypertext Markup Language (HTML).

9. (New) The computer-implemented method of claim 1 wherein said ascertaining includes examining SQL (Structure Query Language) code to determine said foreign key relationship.

10. (New) The computer-implemented method of claim 1 wherein said first executable codes represent Java codes.

11. (New) A computer-implemented method for automatically presenting relationship information between tables of a database, comprising:

ascertaining at build time from a specification of said database an existence of a first foreign key relationship between a first table of said database and a second table of said database;

if said first foreign key relationship between said first table and said second table exists, automatically generating at run time first executable codes to create, for a first given record in said first table, a first reverse foreign key referencing indication associated with a first plurality of records in said second table that references said first given record; and

when said first given record is displayed in a view, also displaying said first reverse foreign key referencing indication on a display screen, said first reverse foreign key referencing indication indicating to a user an existence of said first plurality of records.

12. (New) The computer-implemented method of claim 11 wherein said first reverse foreign key referencing is implemented as a hyperlink, said method further comprising:

upon detecting an activation of said hyperlink by said user, ascertaining from a third table detailed information pertaining to said first plurality of records and displaying said detailed information.

13. (New) The computer-implemented method of claim 11, further comprising:
ascertaining at said build time from said specification of said database an existence of a second foreign key relationship between said first table of said database and a third table of said database;

if said second foreign key relationship between said first table and said third table exists, automatically generating at run time second executable codes to create, for said first given record in said first table, a second reverse foreign key referencing indication associated with a second plurality of records in said third table that references said first given record; and

when said first given record is displayed in a view, also displaying said second reverse foreign key referencing indication on said display screen, said second reverse foreign key referencing indication indicating to said user an existence of said second plurality of records.

14. (New) The computer-implemented method of claim 13 wherein said ascertaining said existence of said first foreign key relationship includes examining SQL (Structure Query Language) code to determine said foreign key relationship.

15. (New) The computer-implemented method of claim 14 wherein said first executable codes represent Java codes.